

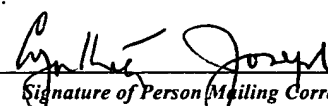


<b>AMENDMENT TRANSMITTAL LETTER (Small Entity)</b>			Docket No. 61732-017 (FRTK-1CN3)		
Applicant(s): Nathan Cohen					
Serial No. 09/639,383	Filing Date August 14, 2000	Examiner M. Wimer	Group Art Unit 2821		
Invention: TUNING FRACTAL ANTENNAS AND FRACTAL RESONATORS			<b>RECEIVED</b> AUG 17 2001		
			OFFICE OF PETITIONS DEPUTY A/C PATENTS		
TO THE ASSISTANT COMMISSIONER FOR PATENTS:					
Transmitted herewith is an amendment in the above-identified application.					
<input checked="" type="checkbox"/> Small Entity status of this application has been established under 37 CFR 1.27 by a verified statement previously submitted. <input type="checkbox"/> A verified statement to establish Small Entity status under 37 FR 1.27 is enclosed.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	10 -	20 =	0 x	\$9.00	\$0.00
INDEP. CLAIMS	5 -	3 =	2 x	\$40.00	\$80.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$80.00</b>
<input type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> <del>Attach to the</del> amount of <b>\$80.00</b> to cover the filing fee is <del>enclosed</del> forms part of the petition fee <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. <b>50-1133</b> A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.					
 Signature			Dated: August 14, 2001		
Toby H. Kusmer Reg. No. 26,418 McDermott, Will & Emery 28 State Street Boston, MA 02109-1775 Telephone: 617-535-4065 Facsimile: 617-535-3800 E-mail: tkusmer@mwe.com			I certify that this document and fee is being deposited on <u>August 14, 2001</u> with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.  Signature of Person Mailing Correspondence Cynthia Joseph Typed or Printed Name of Person Mailing Correspondence		
cc:					



PATENTS

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Nathan Cohen  
U.S.S.N.: 09/639,383  
Filing Date: August 14, 2000  
Title: Tuning Fractal Antennas And Fractal Resonators  
Group Art Unit: 2821  
Examiner: M. Wimer  
Docket Number: 61732-017 (FRTK-1CN3)

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OFFICE OF PETITIONS  
DEPUTY A/C PATENTS

Assistant Commissioner For Patents  
Washington, DC 20231

Sir:

AMENDMENT "A"

Please amend the above-identified application as follows:

In the Specification:

Page 1, lines 5-8, delete the paragraph and insert therefor the following:

-- This application is a continuation of US Application Serial No. 08/967,372, filed November 7, 1997 and issued as US Patent No. 6,104,349; which in turn is a continuation application of US Serial No. 08/609,514, filed March 1, 1996 and now abandoned; which in turn is a continuation-in-part of US Serial No. 08/512,954 filed August 9, 1995, now abandoned. --

In the Claims:

Please amend claim 1, and add new claims 2-10, as follows:

1. (Amended) An antenna system comprising:

a [first] fractal antenna including a first element having a portion that includes at least a first motif [definable] defined in at least two-dimensions, [and includes] said portion further including at least a first replication of said first motif[,], and [includes] a second replication of said first motif, such that a point chosen on a geometric figure represented by said first motif results in a corresponding point on said first replication and on said second replication of said